

TELIPOGON STORKII Ames & C. Schw. ssp. **MAGNIFICUS**
Dodson & Escobar ssp. nov.

TYPE: COSTA RICA: HEREDIA: Above San José de la Montaña, passing Porrosatí, "Paso Llano", alt. 2300 m, discovered by F. Brenes, 25 Oct 1984, R. Escobar & R. Vega 3590 (JAUM holotype, RPSC, MO, CR, USJ, COL, ANT, isotypes).

Subspecies haec *T. storkii* Ames & C. Schw. similis, sed foliis rigidis late ellipticis, petalis enervosis et labello transverse reticulato.

ETYMOLOGY: Named for the spectacular flowers of this subspecies.

DISTRIBUTION: Costa Rica.

Plant similar to the type form but the leaves larger, to 3.5 X 1.4 cm, the inflorescence usually branched with several flowers open simultaneously, and the flowers smaller with narrowly ovate petals. The flowers pale yellow with green or yellow veins, without broad vein lines and the segments totally covered with brown transverse reticulation marks. The petals with 11-to 13-veins; the lip with 19-to 22-veins. The callus and column indistinguishable from the type form.

ILLUSTRATIONS: L. C. Vieira No. 9 (JAUM, RPSC).

DISTINGUISHING FEATURES:

Scape terete.

Petals 11-to 13-veined; lip 19-to 22-veined.

Callus and column as in the typical form.

Plant long caulescent.

OTHER SPECIMENS SEEN: COSTA RICA: HEREDIA: Above San José de la Montaña, passing Porrosatí, Vereda Los Angeles, alt. 2320 m, 22 Aug 1985, R. Escobar & D. Portillo 3644A (RPSC); same locality and date, R. Escobar & D. Portillo 3644B (JAUM).



T. storkii ssp. *magnificus*
(R. Escobar 3644B)



T. storkii ssp. *magnificus*
(R. Escobar 3590)

HOLOTIPO



FLORA DE Costa Rica

Telipouhon glaberrimus

T. magnificus Dodson & Eusebio

Province of Heredia, above San José de los
Rios, alt. 2,500 m., collected by F. B. Dodson.
Flowers pale yellow, totally covered with red-
brown, transverse, longitudinal reticulations;
veins green or dark yellow; the petals with
11 to 13 small, white, 1/16 in. long, with
an elevated, cordiform, slightly 1/2 in. wide,
mitten-shaped lobes at the base, pedicels
with 3 equal bundles of dense, long, branched,
brown, spinous, polliniferous yellow suffused
with red.

Collector: R. Eusebio & R. Velazquez

No. 3570, Costa Rica, 25 October 1984

HERBARIUM JARDIN BOTANICO JOAQUIN ANTONIO URIBE

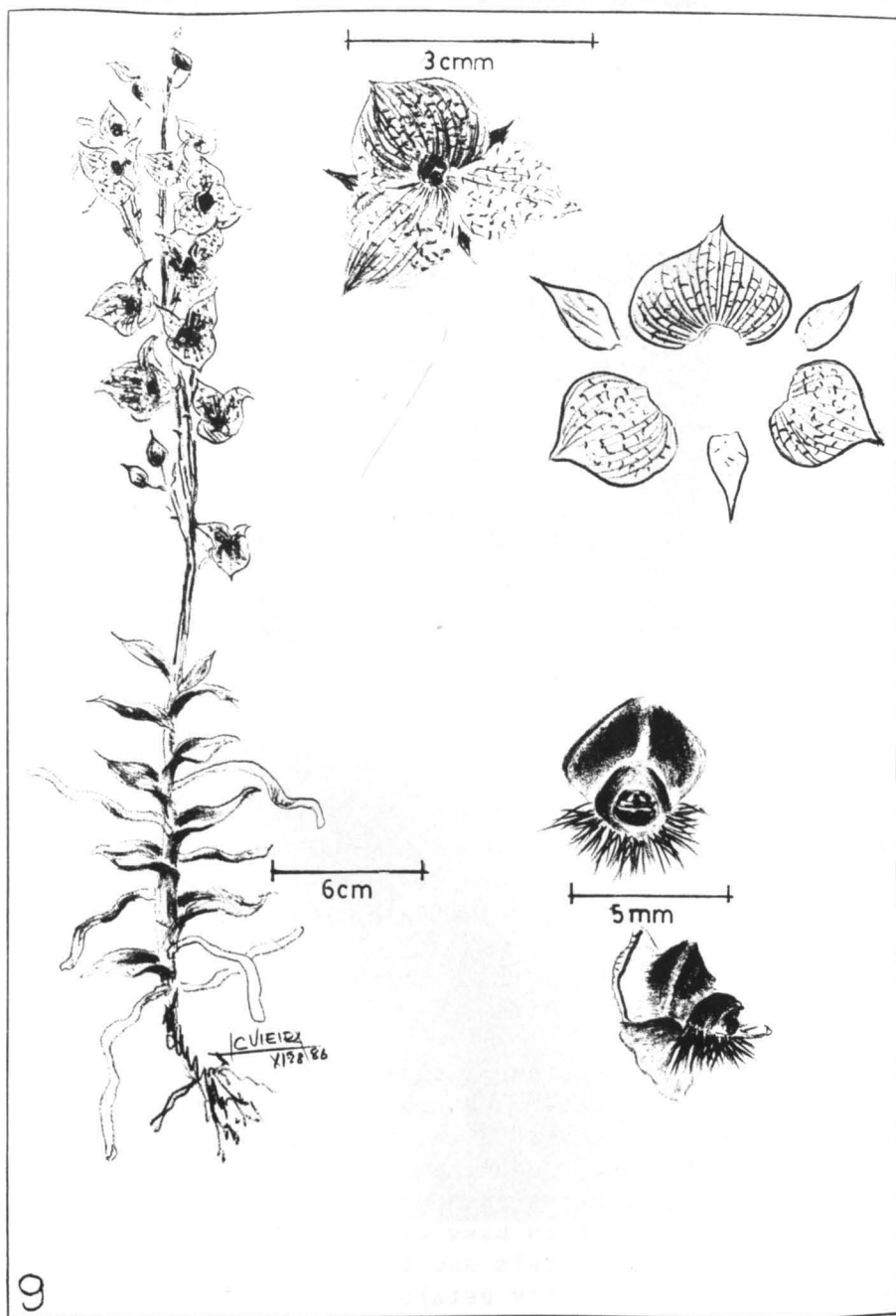


Illustration: L. C. Vieira
Telipogon storkii ssp. *magnificus*

NOTES: About 15 plants with more than 50 flowers were examined of this subspecies. The locality is on a different mountain range, far from the places where the typical form of *T. storkii* occurs. The population was consistently similar and there was little significant variation from plant to plant. All mature plants had branched inflorescences with several flowers open simultaneously. The plants were growing in a heavy mat of humus and moss 1 to 2 meters from the ground at the base of huge trees (2-3 meters in diameter) that were left scattered in a pasture.

NOTAS: De esta subespecie se examinaron unas 15 plantas con más de 50 flores. La localidad es en una cadena de montañas diferentes y lejos de los sitios donde ocurre la forma típica de *T. storkii*. La población era consistentemente similar y había muy poca variación significativa de planta a planta. Todas las plantas adultas tenían inflorescencias ramificadas con varias flores abiertas simultáneamente. Las plantas se encontraron creciendo en un grueso colchón de humus y musgo a 1 ó 2 metros del suelo, en la base de árboles enormes (2 ó 3 metros en diámetro) que habían sido dejados regados en los potreros.